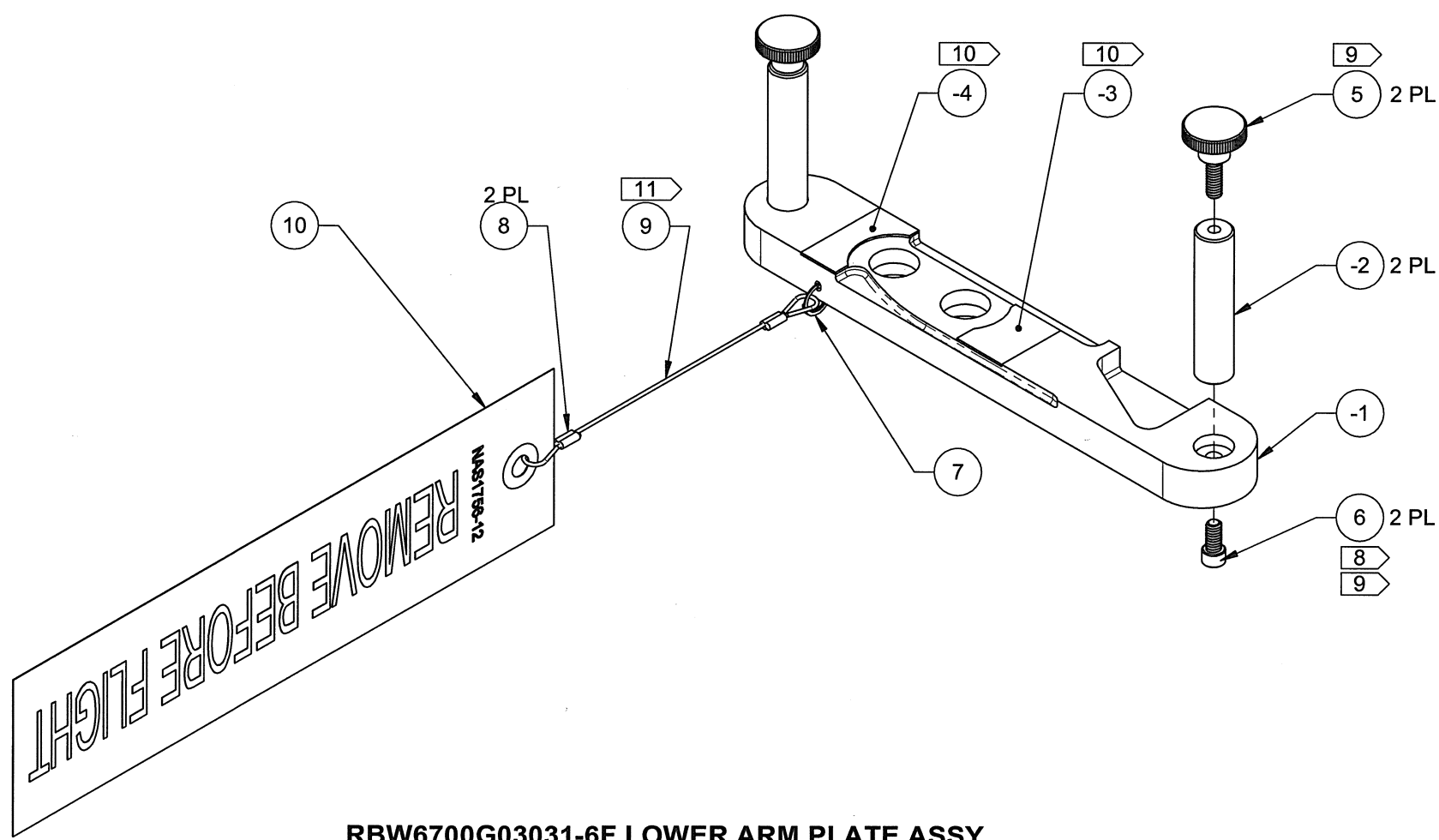


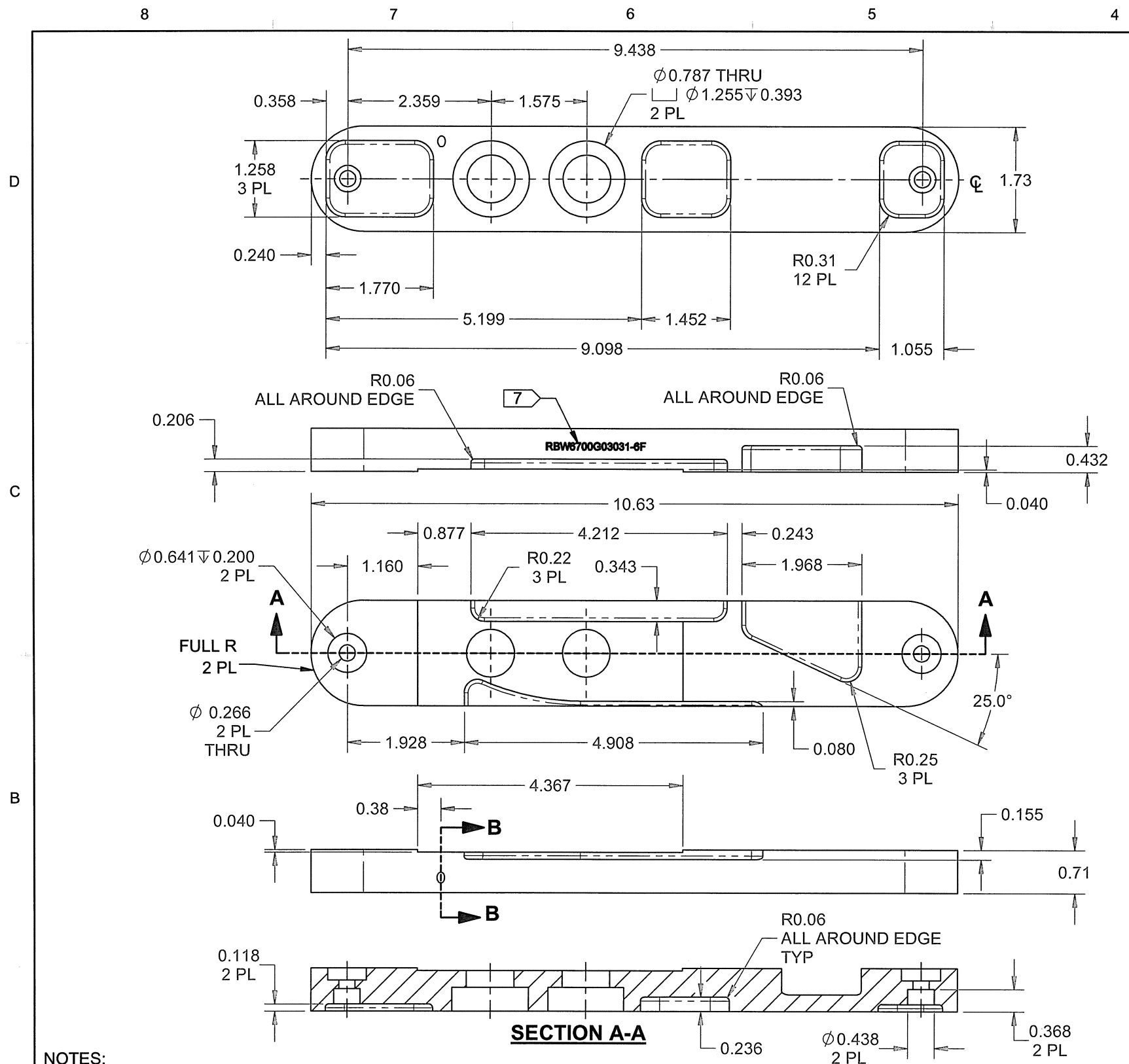
ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6700G03031-6F-1	LOWER ARM PLATE
-2	2	RBW6700G03031-6F-2	PIN
-3	1	RBW6700G03031-6F-3	PROTECTION 1
-4	1	RBW6700G03031-6F-4	PROTECTION 2
5	2	McMaster#91882A425 OR EQUIV	STEEL BLACK OXIDE RAISED KNURL-HEAD THUMB SCREW 1/4"-20 X 3/4" LG. X 1" HEAD DIA.
6	2	McMaster#90128A242 OR EQUIV	STEEL ZINC PLATED SOCKET HEAD SCREW 1/4"-20 X 1/2" LG.
7	1	McMaster#90177A213 OR EQUIV	ZINC PLATED STEEL SPLIT RING 9/16" OD x 7/16" ID. x 1/16" THK
8	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
9	AR	CARR LANE#CL-2-C	STEEL NYLON COATED 1/16" DIA. LANYARD
10	1	NAS1756-12	REMOVE BEFORE FLIGHT FLAG



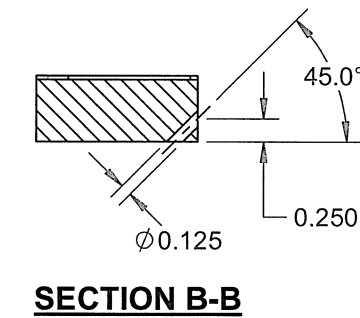
RBW6700G03031-6F LOWER ARM PLATE ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 6 THEN ASSEMBLE WITH ITEM -2, AND REMOVE EXCESS
 - 9) INSTALL ITEM 5 AND ITEM 6 HAND TIGHT
 - 10) APPLY INSTANT ADHESIVE LOCTITE 495 BETWEEN THE SURFACES OF ITEM -3, -4 AND ITEM -1 CUT EXCESS IF NECESSARY, AND REMOVE EXCESS
 - 11) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1"
 - 12) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG



A	NEW ISSUE	19-676	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G03031-6F	SHEET 1 OF 5
APPROVED	W	TITLE	SCALE
DATE	4/2/2019	LOWER ARM PLATE ASSY	NTS
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- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN
 - 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBW6700G03031-6F-1 REV. A.STEP



RBW6700G03031-6F-1 LOWER ARM PLATE

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G03031-6F	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DATE 4/2/2019		LOWER ARM PLATE ASSY	NTS 
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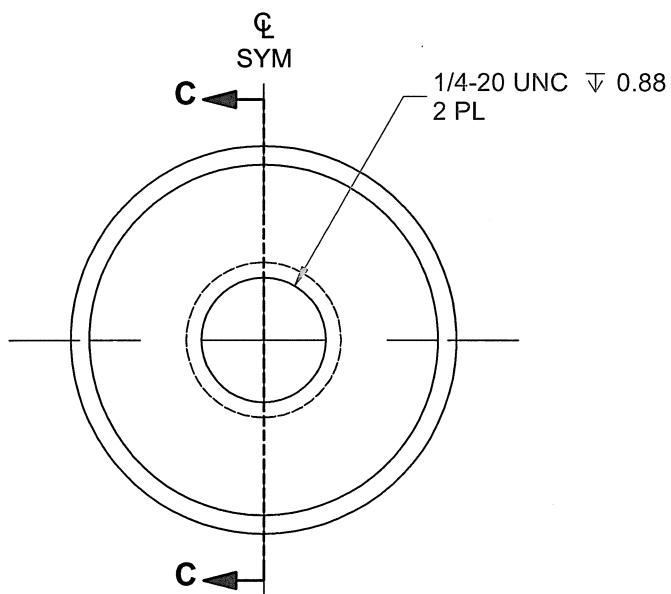
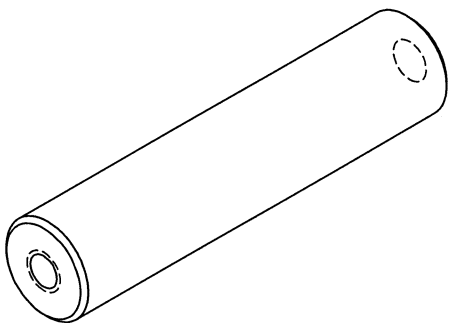
C

B

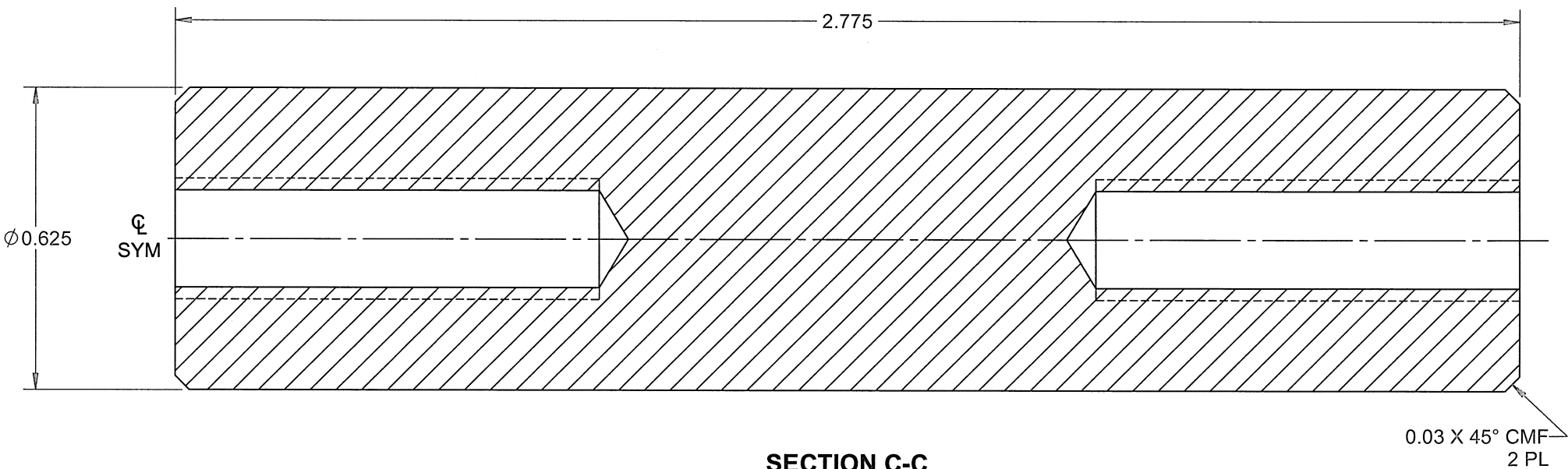
B

A

A



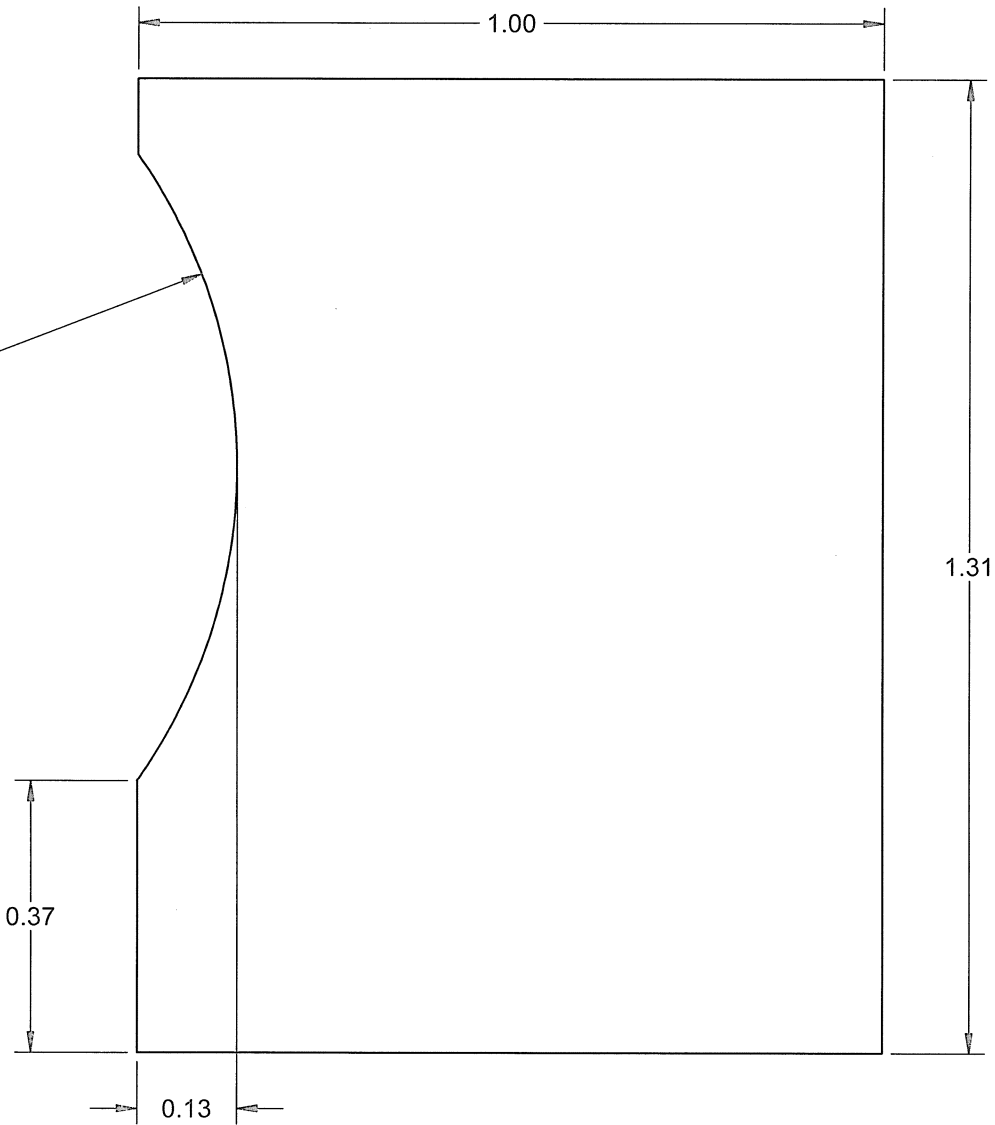
RBW6700G03031-6F-2 PIN



SECTION C-C

- NOTES:
- 1) MATERIAL: 4140 (28-32 RC)
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G03031-6F	SHEET 3 OF 5
APPROVED	VP	TITLE	SCALE
		LOWER ARM PLATE ASSY	NTS
DATE	4/2/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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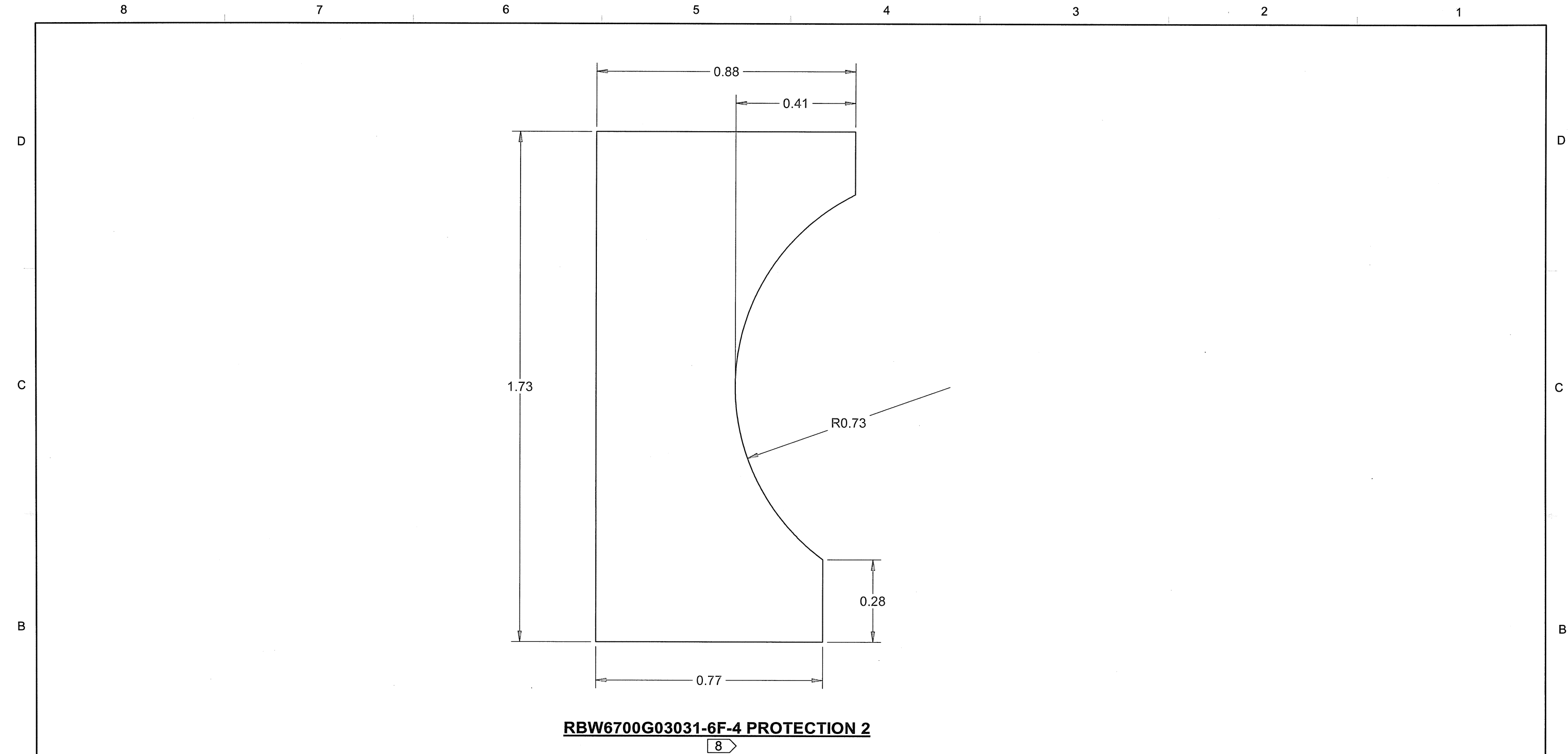
RBW6700G03031-6F-3 PROTECTION 1

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NOTES:


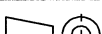
- 1) MATERIAL: McMaster#8569K26 OR EQUIV (TEFLON PTFE SHEET 6" WIDE X 0.04" THK.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.010" PER CAD FILE RBW6700G03031-6F-3 REV. A.DXF

DESIGN	VM	DART AEROSPACE LTD		REV. A	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA			
CHECKED	KPT	TOOL PART #	RBW6700G03031-6F		
MFG. APPR.	FK				
APPROVED	WHP	TITLE	SCALE		
DATE 4/2/2019		LOWER ARM PLATE ASSY	NTS		
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NOTES:

- 1) MATERIAL: McMaster#8569K26 OR EQUIV (TEFLON PTFE SHEET 6" WIDE X 0.04" THK.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.010" PER CAD FILE RBW6700G03031-6F-4 REV. A.DXF

DESIGN	VM	DART AEROSPACE LTD		A
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA		
CHECKED	KPT	TOOL PART #	REV. A	
MFG. APPR.	FK	RBW6700G03031-6F	SHEET 5 OF 5	
APPROVED		TITLE	SCALE	
		LOWER ARM PLATE ASSY	NTS	
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